

Product Datasheet

Recombinant *Allium sativum* Alliin lyase 1 (orb2659719)

Catalog Number	orb2659719
Category	Proteins
Description	This Recombinant <i>Allium sativum</i> Alliin lyase 1 spans the amino acid sequence from region 39-486aa. Purity: Greater than 90% as determined by SDS-PAGE.
Tag	C-terminal 6xHis-tagged
Form/Appearance	Liquid or Lyophilized powder
Buffer/Preservatives	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Purity	Greater than 90% as determined by SDS-PAGE.
Protein Sequence	KMTWTMKAAEEAEAVANINCSEHGRAFLDGIISEGSPKCECNTCYTGPDCESEKIQGCSADV ASGDGLFLEEYWKQHKESAVLVSPWHRMSYFFNPVSNFISFELEKTIKELHEVVGNAAAK DRYIVFGVGVGTQLIHGLVISLSPNMTATPDAPESKVVAAHAPFYPVFREQTKYFNKKGYYVWAG NAANYVNVSNPEQYIEMVTSPNNPEGLLRHAVIKGCKSIYDMVYYWPHYTPIKYKADEDILLF TMSKFTGHSGSRFGWALIKDESVYNNLLNYMTKNTEGTPRETQLRSLKVLKEVVAMVKTQK GTMRDNLNFGFKLRERWVNITALLDQSDRFSYQELPQSEYCNFRMRPPSPSYAWVKC EWEEDKDCYQTFQNGRINTQNGVGFEEASSRYVRLSLIKTQDDFDQLMYYLKDMVKAKRKT PLIKQLFIDQTETASRRPFI
Protein Length	Full Length of Mature Protein
UniProt ID	Q01594
MW	58.4 kDa

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Application notes

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Source

E.coli

Biological Origin

Allium sativum (Garlic)

Expression Region

39-486aa

Storage

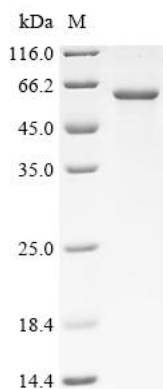
The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.

Note

For research use only

Expiration Date

6 months from date of receipt.



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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